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(FILE 'HOME' ENTERED AT 18:15:41 ON 20 DEC 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 18:18:09 ON 20 DEC 2007

L1 195 S CHLOROTOXIN

L2 25189 S NEUROECTODERMAL (3A) (CANCER OR TUMOR) OR EPENDYMONAS OR MEDULL

387391 S NEUROBLASTOMA OR GANGLIOMA OR PHEOCHROMOCYTOMA OR MELANOMA

L4 734407 S SMALL(W) CELL(3A) CARCINOMA OR EWING? (3A) SARCOMA OR METASTASIS

1058467 S L2 OR L3 OR L4

L6 32 S L1 AND L5

L7 18 DUP REM L6 (14 DUPLICATES REMOVED)

=> d au ti so pi 1-18 17

- L7 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Alvarez, Vernon Leon
- TI Diagnosis and treatment of tumors
- SO U.S. Pat. Appl. Publ., 51pp.

CODEN: USXXCO

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			GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,
			KN,	KP,	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	MG,	MK,
			MN,	MW,	MX,	MY,	MZ,	NΑ,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,
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			ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NΕ,	SN,	TD,	TG,	BW,
			GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,
			BY,	KG,	KZ,	MD,	RU,	ТJ,	TM									

- L7 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Jiang, Dahe; Li, Wenxin; Cao, Zhijian; Mao, Xin; Fan, Shaozhong; Liu, Hui
- TI Construction and application of a chlorotoxin-like peptide from Buthus martensii for anti-metastasis treatment
- SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 22pp.

CODEN: CNXXEV

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡĮ	CN 101003788	${f A}$	20070725	CN 2006-10124581	20060921

- L7 ANSWER 3 OF 18 MEDLINE on STN DUPLICATE 1
- AU Veiseh Mandana; Gabikian Patrik; Bahrami S-Bahram; Veiseh Omid; Zhang Miqin; Hackman Robert C; Ravanpay Ali C; Stroud Mark R; Kusuma Yumiko; Hansen Stacey J; Kwok Deborah; Munoz Nina M; Sze Raymond W; Grady William M; Greenberg Norman M; Ellenbogen Richard G; Olson James M
- TI Tumor paint: a chlorotoxin:Cy5.5 bioconjugate for intraoperative visualization of cancer foci.
- SO Cancer research, (2007 Jul 15) Vol. 67, No. 14, pp. 6882-8. Journal code: 2984705R. ISSN: 0008-5472.
- L7 ANSWER 4 OF 18 MEDLINE on STN DUPLICATE 2
- AU Mamelak Adam N; Jacoby Douglas B
- TI Targeted delivery of antitumoral therapy to glioma and other malignancies with synthetic chlorotoxin (TM-601).
- SO Expert opinion on drug delivery, (2007 Mar) Vol. 4, No. 2, pp. 175-86.
 Ref: 59

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     Zhang, Migin; Olson, James
IN
ΤI
     Fluorescent chlorotoxin conjugate and method for intra-operative
     visualization of cancer
SO
     PCT Int. Appl., 58pp.
     CODEN: PIXXD2
                                DATE
     PATENT NO.
                        KIND
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                         _ _ _ _
                                20061102 WO 2006-US10170
PΙ
     WO 2006115633
                        A2
                                                                    20060320
     WO 2006115633
                        A3 20061228
            AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
             KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
             MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
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             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
     US 2007154965
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     ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
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     Minea, Radu O.; Markland, Francis S.
IN
     Method of expressing eukaryotic proteins with disulfide bridges in
TI
     prokaryotic hosts
SO
     U.S. Pat. Appl. Publ., 59pp.
     CODEN: USXXCO
                      KIND
     PATENT NO.
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AU 2006-336468
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     US 2006246541
                                20061102
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     WO 2007086879
                                                                   20060209
            VN, YU, ZA, ZM, ZW
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                                           EP 2006-849695
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             BA, HR, MK, YU
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     ANSWER 7 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
     Gonda, Matthew A.; Alvarez, Vernon L.; Grimes, Carol A.
IN
TI
     Treatment of phosphatidylinositol phospholipid disorders using
     chlorotoxin or derivatives
SO
     PCT Int. Appl., 35 pp.
     CODEN: PIXXD2
                        KIND
                                       APPLICATION NO.
     PATENT NO.
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         NE, SN, TD, TG
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Ion channels and amino acid transporters support the growth and invasion
of primary brain tumors
MOLECULAR NEUROBIOLOGY, (FEB 2004) Vol. 29, No. 1, pp. 61-71.
ISSN: 0893-7648.
ANSWER 9 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
Alvarez, Vermont L.; Grimes, Carol A.; Gonda, Matthew A.
Combination chemotherapy with chlorotoxin for treating cancer
PCT Int. Appl., 100 pp.
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         GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
         LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
         PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
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         BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
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EP 1553962
                       Al
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MX 2004PA11871
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                                            MX 2004-PA11871
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Sontheimer, Harald W.; Deshane, Jessy; Garner, Craig Chlorotoxin inhibition of cell invasion, cancer
metastasis, angiogenesis and tissue remodeling
PCT Int. Appl., 67 pp.
CODEN: PIXXD2
PATENT NO.
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WO 2003000203
                       A2
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                                            WO 2002-US20520
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WO 2003000203
                       A3
                              20040311
        AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
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A1 20030108
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- L7 ANSWER 11 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
- AU Lyons, Susan A. [Inventor, Reprint Author]; Sontheimer, Harald W. [Inventor]
- TI Diagnosis and treatment of neuroectodermal tumors.
- Official Gazette of the United States Patent and Trademark Office Patents, (Dec 23 2003) Vol. 1277, No. 4. http://www.uspto.gov/web/menu/patdata.html . e-file.

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- L7 ANSWER 12 OF 18 MEDLINE on STN DUPLICATE 3
- AU Lyons Susan A; O'Neal Jeffrey; Sontheimer Harald
- TI Chlorotoxin, a scorpion-derived peptide, specifically binds to gliomas and tumors of neuroectodermal origin.
- SO Glia, (2002 Aug) Vol. 39, No. 2, pp. 162-73. Journal code: 8806785. ISSN: 0894-1491.
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- IN Sontheimer, Harald J.; Lyons, Susan A.
- TI Diagnosis and treatment of neuroectodermal tumors
- SO PCT Int. Appl., 56 pp.

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	CA	2365	533			A1		2000	1026		CA :	2000-	23,65	533		2	0000	419
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	EP	1200	123			B1		2005	1102									
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- AU Lyons, S. A. [Reprint author]; O'Neal, J. T.; Sontheimer, H. W.
- TI Chlorotoxin specifically targets not only human gliomas but tumors of neuroectodermal origin.
- SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-708.9. print.

Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New

- Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience. ISSN: 0190-5295.
- L7 ANSWER 15 OF 18 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
- AU Soroceanu L; Manning T J; Sontheimer H (Reprint)
- TI Modulation of glioma cell migration and invasion using Cl- and K+ ion channel blockers
- SO JOURNAL OF NEUROSCIENCE, (15 JUL 1999) Vol. 19, No. 14, pp. 5942-5954. ISSN: 0270-6474.
- L7 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
- AU Ullrich, N.; Bordey, A.; Gillespie, G. Y.; Sontheimer, H.
- TI Expression of voltage-activated chloride currents in acute slices of human gliomas
- SO Neuroscience (Oxford) (1998), 83(4), 1161-1173 CODEN: NRSCDN; ISSN: 0306-4522
- L7 ANSWER 17 OF 18 MEDLINE on STN DUPLICATE 4
- AU Ullrich N; Gillespie G Y; Sontheimer H
- TI Human astrocytoma cells express a unique chloride current.
- SO Neuroreport, (1996 Apr 10) Vol. 7, No. 5, pp. 1020-4. Journal code: 9100935. ISSN: 0959-4965.
- L7 ANSWER 18 OF 18 MEDLINE on STN DUPLICATE 5
- AU Ullrich N; Gillespie G Y; Sontheimer H
- TI Human astrocytoma cells express a unique chloride current.
- SO Neuroreport, (1995 Dec 29) Vol. 7, No. 1, pp. 343-7. Journal code: 9100935. ISSN: 0959-4965.

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FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 18:18:09 ON 20 DEC 2007

195 S CHLOROTOXIN

L2 25189 S NEUROECTODERMAL (3A) (CANCER OR TUMOR) OR EPENDYMONAS OR MEDULL

387391 S NEUROBLASTOMA OR GANGLIOMA OR PHEOCHROMOCYTOMA OR MELANOMA

L4 734407 S SMALL(W) CELL(3A) CARCINOMA OR EWING? (3A) SARCOMA OR METASTASIS

1058467 S L2 OR L3 OR L4

L6 32 S L1 AND L5

18 DUP REM L6 (14 DUPLICATES REMOVED)

L8 92 DUP REM L1 (103 DUPLICATES REMOVED)

L9 104049 S GLIOMA

L10 83 S L1 AND L9

L11 39 DUP REM L10 (44 DUPLICATES REMOVED)

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L11 ANSWER 26 OF 39 MEDLINE on STN DUPLICATE 14

AU Maertens C; Wei L; Tytgat J; Droogmans G; Nilius B

TI Chlorotoxin does not inhibit volume-regulated, calcium-activated and cyclic AMP-activated chloride channels.

SO British journal of pharmacology, (2000 Feb) Vol. 129, No. 4, pp. 791-801. Journal code: 7502536. ISSN: 0007-1188.

L11 ANSWER 27 OF 39 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AU Lyons, S. A. [Reprint author]; O'Neal, J. T.; Sontheimer, H. W.

TI Chlorotoxin specifically targets not only human gliomas

but tumors of neuroectodermal origin.

SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2,

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Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.

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L11 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

AU Soroceanu, Liliana

TI Role of ion channels in glioma cell invasion

SO (1999) 150 pp. Avail.: UMI, Order No. DA9935522 From: Diss. Abstr. Int., B 1999, 60(6), 2551

L11 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2007 ACS on STN

IN Ullrich, Nicole; Sontheimer, Harald W.

TI Method of diagnosing and treating gliomas

SO U.S., 34 pp.

CODEN: USXXAM

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	US 6319891	B1	20011120	US 1997-980394	19971128
	US 2002071841	A1	20020613	US 1997-980395	19971128
	US 6429187	B2	20020806		
	US 2002065216	A1	20020530	US 2001-969618	20011004
	US 6870029	B2	20050322		
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AU Soroceanu L; Manning T J Jr; Sontheimer H

TI Modulation of glioma cell migration and invasion using Cl(-) and

- K(+) ion channel blockers.
- SO The Journal of neuroscience: the official journal of the Society for Neuroscience, (1999 Jul 15) Vol. 19, No. 14, pp. 5942-54.

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- L11 ANSWER 31 OF 39 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
- AU Sontheimer, Harald W. [Reprint Author]
- TI Scorpion toxin as a diagnostic and therapeutic tool for primary brain tumors.
- SO AAAS Annual Meeting and Science Innovation Exposition, (21-26 January 1999) Vol. 165, pp. A.47. print.

 Meeting Info.: 1999 AAAS Annual Meeting and Science Innovation Exposition "Challenges for a New Century.". Anaheim, CA, USA. January 21-26, 1999.

 American Association for the Advancement of Science.
- L11 ANSWER 32 OF 39 MEDLINE on STN DUPLICATE 16
- AU Soroceanu L; Gillespie Y; Khazaeli M B; Sontheimer H
- TI Use of chlorotoxin for targeting of primary brain tumors.
- SO Cancer research, (1998 Nov 1) Vol. 58, No. 21, pp. 4871-9. Journal code: 2984705R. ISSN: 0008-5472.
- L11 ANSWER 33 OF 39 MEDLINE on STN DUPLICATE 17
- AU Ullrich N; Bordey A; Gillespie G Y; Sontheimer H
- TI Expression of voltage-activated chloride currents in acute slices of human gliomas.
- SO Neuroscience, (1998 Apr) Vol. 83, No. 4, pp. 1161-73. Journal code: 7605074. ISSN: 0306-4522.
- L11 ANSWER 34 OF 39 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
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